

**Monthly Progress Report #42**  
**December 2007**

**Falcon Refinery Superfund Site**  
**Ingleside**  
**San Patricio County, Texas**  
**TXD 086 278 058**

**Prepared for**

**National Oil and Recovery Corporation**  
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None this reporting period

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## 1.0 INTRODUCTION

This forty-second Monthly Progress Report is submitted in accordance with the Falcon Refinery Site Administrative Orders on Consent for Removal Action and Remedial Investigation / Feasibility Study between the U.S. Environmental Protection Agency (U.S. EPA) and National Oil and Recovery Corporation (NORCO).

This Monthly Progress Report and subsequent reports will address activities associated with both of the orders.

The next monthly progress report, covering January, 2007 will be submitted on or before February 10, 2008.

## 2.0 COMPLETED ACTIVITIES

### 2.1 Removal Action Activities

During the month of December, 112,285 gallons of waste was removed from Tank 10. The total volume of clear hazardous waste has been removed from Tank 10. The remaining waste in the tank is oily and cannot be disposed at the Texas Molecular site. The hoses that are used to remove the liquid waste have been moved to Tank 20.

To date a total of approximately 6,811,988 gallons of hazardous waste have been removed from all of the above ground tanks and disposed of at the Texas Molecular deep well injection well.

Prior to the beginning of liquid waste disposal in October 2004, the volume of waste in the above ground storage tanks was measured at 6,844,094 gallons. Subtracting the current disposal volume indicates that there may be 32,106 gallons remaining in the tanks. However, due to holes in the tops of the tanks the volume of waste may have increased due to rainfall or may have decreased due to evaporation.

Original waste manifests are available at the Kleinfelder office in Austin. A compilation of hazardous liquid waste disposal is included as Table 1.

In addition to disposal activities site maintenance including weeding and grubbing and repairing the exclusion zone fencing was performed.

### 2.2 Remedial Investigation / Feasibility Study (RI/FS)

During the month of December field sampling continued in accordance with the EPA approved Final Remedial Investigation and Feasibility Study (RI/FS) Work Plan, the Final Field Sampling Plan and the Final Quality Assurance Project Plan (all reports dated August 24, 2007) for the Falcon Refinery Superfund Site; Ingleside, San Patricio County, Texas.

By the end of the month all of the on-site sampling including the North Site, South Site, non-operating portions of the South Site and the current barge dock facility had been completed. In addition the wetlands immediately between the refinery and the intercoastal waterway had also been sampled.

Property access letters were mailed and provided to nearby land owners seeking their approval to allow soil or sediment sampling on their properties.

Results of the on-site and off-site sampling will be discussed with the EPA and trustees during a planned meeting in April 2008.

### **3.0 CHANGES MADE IN THE PLANS DURING THE REPORTING PERIOD**

Two soil sampling locations, located in the former aeration pond that served the refinery, were changed to sediment sampling locations due the sampling point being inundated with water. The change in sampling was approved by the EPA.

### **4.0 COMMUNITY RELATIONS**

A public meeting was held on December 5, 2007 at the Ingleside City Hall to discuss the past and upcoming activities at the refinery. Copies of the slides from the EPA presentation are located in Appendix A and copies of the NORCO slides are provided as Appendix B.

The EPA has developed a web site to display information about the Removal Action and RI/FS activities. The can be found by going to [www.epaossc.net](http://www.epaossc.net) and selecting web sites, then Region 6 and then the Falcon Refinery Site.

A sign showing contact information and the website has been posted in front of the refinery.

### **5.0 CHANGES IN PERSONNEL DURING THE REPORTING PERIOD**

None this reporting period.

### **6.0 LIST OF PROJECTED WORK FOR THE NEXT TWO MONTHS**

#### **6.1 Removal Action Work projected for the next two months includes:**

- Continuing the removal and disposal of liquids from the storage tanks at the anticipated rate of approximately 150,000 gallons a month;
- Find a CERCLA approved disposal or reclamation facility that will accept wastes that are not permitted at the Texas Molecular disposal well; and
- Continued site maintenance

**6.2 RI/FS Work projected for the next two months includes:**

- Continue implementing the RI/FS Work Plan, Field Sampling Plan and Quality Assurance Project Plan.
- Obtain signed access agreements from nearby land owners to allow off-site soil, groundwater and sediment sampling.

**7.0 LABORATORY / MONITORING DATA**

Results of the RI/FS sampling will be provided to the EPA in April 2008.

**TABLES****Table 1  
Hazardous Liquid Waste Disposal**

<b>DISPOSAL FACILITY</b>	<b>ADDRESS</b>	<b>PHONE NO.</b>	<b>EPA ID NO.</b>	<b>CONTACT</b>
Texas Molecular Corpus Christi Services, LP	6901 Greenwood Dr. Corpus Christi, TX	361-852-8284	TXR000001016	Robert Rodriguez

**RQ, HAZARDOUS WASTE LIQUID N.O.S., 9 , UN3082, III (D007, D008, D018)**

<b>Month</b>	<b>Volume (gal)</b>
October-04	53,832
November-04	734,763
December-04	879,158
January-05	783,881
February-05	551,444
March-05	565,489
April-05	445,107
May-05	471,311
December-05	42,550
January-06	58,740
February-06	59,140
March-06	0
April-06	29,371
May-06	59,018
June-06	97,151
July-06	118,743
August-06	148,509
September-06	109,908
October-06	86,665
November-06	140,498
December-06	85,813
January-07	118,541
February-07	107,985
March-07	152,493
April-07	121,588
May-07	150,368
June-07	87,900
July-07	143,485
August-07	94,727
September-07	0
October-07	50,298
November-07	151,227
December-07	112,285
<b>Total</b>	<b>6,811,988</b>

**Table 2**  
**Metal Disposal**

DISPOSAL FACILITY	ADDRESS	PHONE NO.	EPA ID NO.	CONTACT
Commercial Metal Company	4614 Agnes St Corpus Christi, TX	361-884-4071	None	David

**RECYCLED METAL**

Month	Volume (lbs)
October-04	0
November-04	16,820
December-04	19,640
January-05	31,380
February-05	0
<b>Total</b>	<b>67,840</b>

**FIRE EXTINGUISHERS**

Month	Quantity
December-04	10
<b>Total</b>	<b>10</b>

Industrial Fire & Safety Co. removed 10 fire extinguishers from the job site.  
The powder was disposed of properly and the metal went to salvage.

**Table 3**  
**Contaminated Soil and Oily Debris Disposal**

DISPOSAL FACILITY	ADDRESS	PHONE NO.	EPA ID NO.	CONTACT
U.S. Ecology Texas L.P.	P.O. Box 307 Robstown, TX	361-387-3518	TXD069452340	Glenda Felkner

**PETROLEUM CONTAMINATED SOIL AND OILY DEBRIS**

Month	Volume (cy)
October-04	0
November-04	0
December-04	40
January-05	0
February-05	0
<b>Total</b>	<b>40</b>

**RQ, HAZARDOUS WASTE SOLID, N.O.S., LEAD, 9 NA3077, PGIII (OILY SLUDGE AND SOIL)**

Month	Volume (cy)
February-05	15
<b>Total</b>	<b>15</b>

**Table 4**  
**Oil and Filter Disposal**

DISPOSAL FACILITY	ADDRESS	PHONE NO.	EPA ID NO.	CONTACT
Texas Molecular Corpus Christi Services, LP	6901 Greenwood Dr Corpus Christi, TX	361-852-8284	TXR000001016	Robert Rodriguez

**RECYLCED OIL AND FILTERS**

Month	Volume (gal)
January-05	403
February-05	0
<b>Total</b>	<b>403</b>

DISPOSAL FACILITY	ADDRESS	PHONE NO.	EPA ID NO.	CONTACT
Midstate Environmental Services, LLC	2203 Tower Road Robstown, TX	361-387-2171	TXR000051227	Lloyd Cooke

**RECYLCED OIL AND FILTERS**

Month	Volume (gal)
January-05	16,651
February-05	0
<b>Total</b>	<b>16,651</b>

## **Appendix A**

### **EPA Community Slide Show**

## **Appendix B**

### **NORCO Community Slide Show**